

chain nodes :

11 12 13

ring nodes :

1 2 3 4 5 6 7 8 9 10 14 15 16 17 18 19 21 22 23 24 25 26

chain bonds :

11-12 11-13 11-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-19 15-16 16-17
17-18 18-19 21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

11-12 11-13 11-15 21-22 21-26 22-23 23-24 24-25 25-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-19 15-16 16-17
17-18 18-19

isolated ring systems :

containing 21 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS
12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:CLASS
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS

10/509078

\$%^STN;HighlightOn=;HighlightOff=;Version Version = STN Express 8.01a;

=> s l1

SAMPLE SEARCH INITIATED 12:13:53 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 313 TO ITERATE

100.0% PROCESSED 313 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 5199 TO 7321

PROJECTED ANSWERS: 4 TO 200

L2 4 SEA SSS SAM L1

=> d 12 1-4

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 848396-04-3 REGISTRY

ED Entered STN: 13 Apr 2005

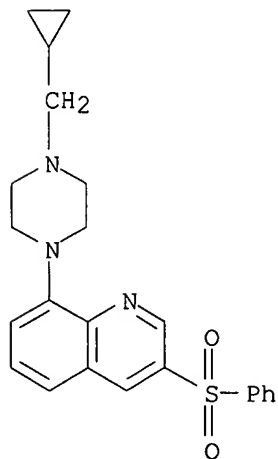
CN Quinoline, 8-[4-(cyclopropylmethyl)-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

MF C23 H25 N3 O2 S . Cl H

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CRN (848396-14-5)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 607743-50-0 REGISTRY

ED Entered STN: 22 Oct 2003

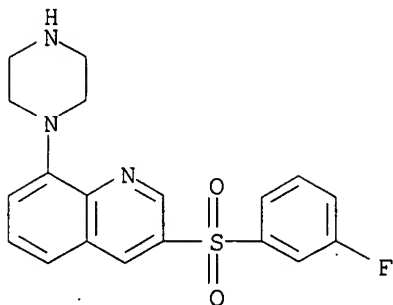
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)

MF C19 H18 F N3 O2 S

CI COM

10/509078

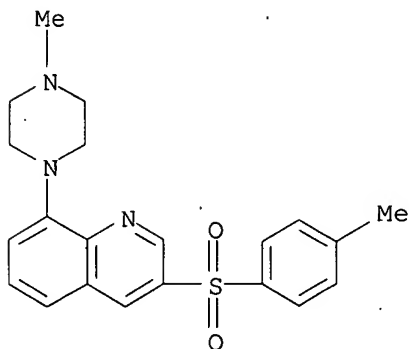
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607742-78-9 REGISTRY
ED Entered STN: 22 Oct 2003
CN Quinoline, 3-[(4-methylphenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)
MF C21 H23 N3 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

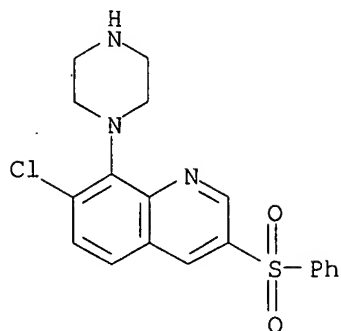


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607742-63-2 REGISTRY
ED Entered STN: 22 Oct 2003
CN Quinoline, 7-chloro-3-(phenylsulfonyl)-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)
MF C19 H18 Cl N3 O2 S . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (607743-53-3)

10/509078



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l1 sss full
FULL SEARCH INITIATED 12:14:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6089 TO ITERATE

100.0% PROCESSED 6089 ITERATIONS 90 ANSWERS
SEARCH TIME: 00.00.01

L3 90 SEA SSS FUL L1

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	180.35	180.56

FILE 'CAPLUS' ENTERED AT 12:14:19 ON 01 APR 2007
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FILE LAST UPDATED: 30 Mar 2007 (20070330/ED)

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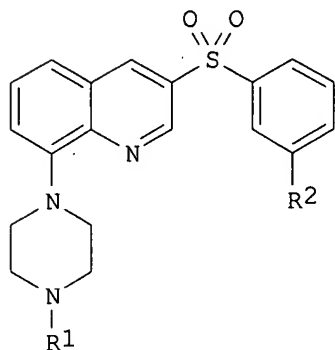
10/509078

L4 5 L3

=> d 14 1-5 bib abs hitstr

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:493996 CAPLUS
DN 145:8187
TI Preparation of isotopomeric piperazine-containing ligands labeling and
diagnostic imaging of 5-HT6 receptors
IN Gee, Antony David; Martarello, Laurent; Johnson, Christopher Norbert;
Witty, David R.
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006053785	A1	20060526	WO 2005-EP12463	20051117
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	GB 2004-25548	A	20041119		
OS	MARPAT 145:8187				
GI					

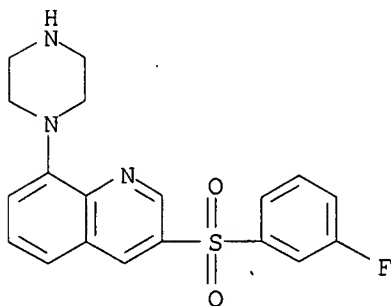


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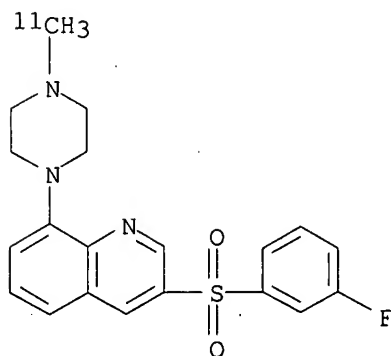
AB Piperazine-containing ligands [I; R1 = 3H, 11C, 13N, 15O, 76Br, 18 F, 123I, 125I, 131I, 75Br, 76Br, 77Br, 82Br, 211At; R2 = F; or R1 = C1-4 (fluoro)alkyl and R2 = 3H, 11C, 13N, 15O, 76Br, 18 F, 123I, 125I, 131I, 75Br, 76Br, 77Br, 82Br, 211At; e.g., (11C-N-methyl)-3-[(3-fluorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)quinoline; 5-HT6 receptor pKi 9.82], which are useful for the labeling and diagnostic imaging of 5-HT6 receptors functionality and the treatment of CNS related disorders, are prepared
IT 607743-50-0
RL: RCT (Reactant); RACT (Reactant or reagent)

10/509078

(in the preparation of isotopomeric piperazine-containing ligands labeling
and diagnostic imaging of 5-HT6 receptors)
RN 607743-50-0 CAPLUS
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)



IT 887923-36-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of isotopomeric piperazine-containing ligands labeling and
diagnostic imaging of 5-HT6 receptors)
RN 887923-36-6 CAPLUS
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-[4-(methyl-11C)-1-piperazinyl]-
(9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN.
AN 2005:395276 CAPLUS
DN 142:430310
TI Process for the preparation of a crystal polymorphic form of
3-phenylsulfonyl-8-piperazin-1-ylquinoline
IN Gladwin, Asa Elisabeth
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.

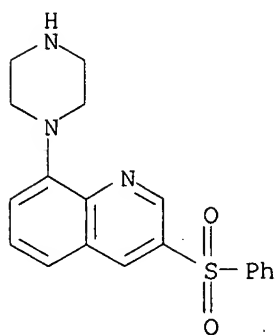
KIND

DATE

APPLICATION NO.

DATE

PI	WO 2005040124	A1	20050506	WO 2004-EP10843	20040923
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	AU 2004283805	A1	20050506	AU 2004-283805	20040923
	CA 2540022	A1	20050506	CA 2004-2540022	20040923
	EP 1667975	A1	20060614	EP 2004-765655	20040923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
	CN 1856471	A	20061101	CN 2004-80027527	20040923
	BR 2004014678	A	20061128	BR 2004-14678	20040923
	JP 2007506702	T	20070322	JP 2006-527373	20040923
	US 2007032504	A1	20070208	US 2006-572670	20060320
	NO 2006001791	A	20060424	NO 2006-1791	20060424
PRAI	GB 2003-22629	A	20030926		
	WO 2004-EP10843	W	20040923		
OS	CASREACT 142:430310				
AB	Polymorphic crystalline forms of 3-phenylsulfonyl-8-piperazin-1-ylquinoline are synthesized, characterized, and claimed in the treatment of CNS (e.g., schizophrenia) and other disorders.				
IT	607742-69-8P, 3-Phenylsulfonyl-8-piperazin-1-ylquinoline				
	RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);				
	BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(process for the preparation of a crystal polymorphic form of 3-phenylsulfonyl-8-piperazin-1-ylquinoline)				
RN	607742-69-8 CAPLUS				
CN	Quinoline, 3-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)				



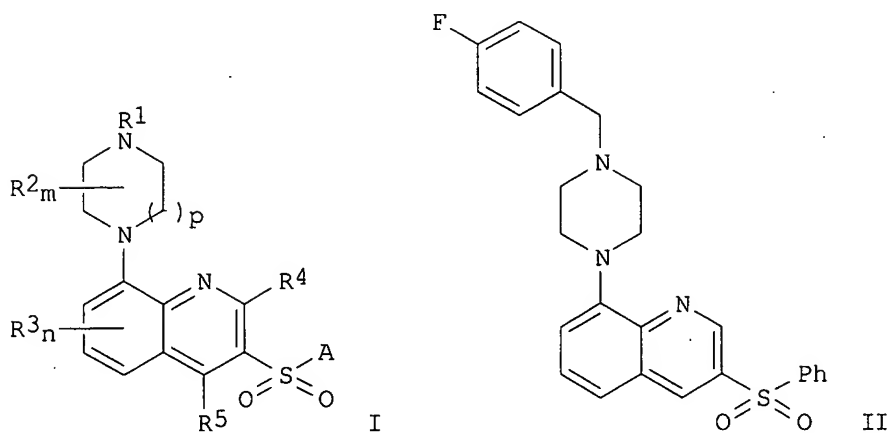
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:260030 CAPLUS
 DN 142:336394
 TI Preparation of 8-(1-piperazinyl)quinolines for treatment of CNS disorders
 IN Johnson, Christopher Norbert; Witty, David R.
 PA Glaxo Group Limited, UK
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2

10/509078

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005026125	A1	20050324	WO 2004-EP10129	20040909
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1663980	A1	20060607	EP 2004-765057	20040909
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
	JP 2007505075	T	20070308	JP 2006-525773	20040909
	US 2006287334	A1	20061221	US 2006-571405	20060310
PRAI	GB 2003-21473	A	20030912		
	WO 2004-EP10129	W	20040909		
OS	CASREACT 142:336394; MARPAT 142:336394				
GI					



AB Title compds. I [R¹ = (un)substituted alkyl, alkylcycloalkyl, alkoxyalkyl, alkyl(hetero)aryl, alkylheterocyclyl; R² = H or alkyl; m = 1-4; when m > 1, two R² groups may be linked to form a CH₂, (CH₂)₂ or (CH₂)₃ group; R³-R⁵ = independently H, halo, CN, CF₃, OCF₃, alkyl, alkoxy, alkanoyl, CONH₂ and derivs.; n = 1 - 3; p = 1-2; and their pharmaceutically acceptable salts] were prepared as 5HT₆ receptor antagonists in treatment of CNS disorders. Thus, condensation of 3-phenylsulfonyl-8-(piperazin-1-yl)quinoline (preparation given) with 4-fluorobenzaldehyde gave II. I were tested and showed good affinity for the 5-HT₆ receptor, having pK_i values ≥ 7.0 at human cloned 5-HT₆ receptors.

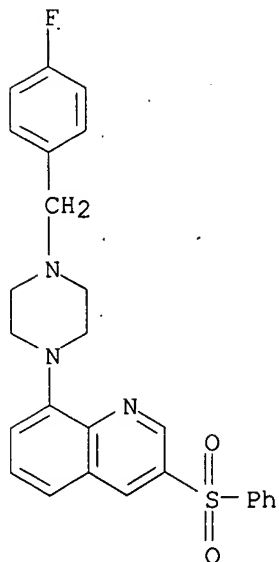
IT 848396-13-4P, 8-[4-(4-Fluorobenzyl)piperazin-1-yl]-3-phenylsulfonylquinoline
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

10/509078

(preparation of 8-(1-piperazinyl)quinolines for treatment of CNS disorders)

RN 848396-13-4 CAPLUS

CN Quinoline, 8-[4-[(4-fluorophenyl)methyl]-1-piperazinyl]-3-(phenylsulfonyl)-
(9CI) (CA INDEX NAME)



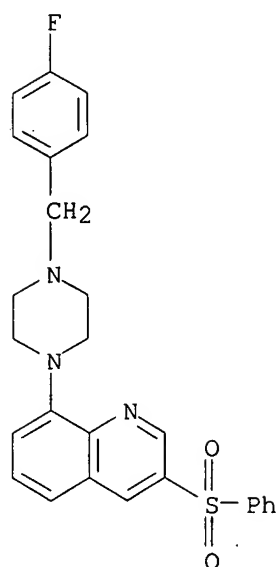
IT 848396-03-2P, 8-[4-(4-Fluorobenzyl)piperazin-1-yl]-3-phenylsulfonylquinoline hydrochloride 848396-04-3P, 8-(4-Cyclopropylmethylpiperazin-1-yl)-3-phenylsulfonylquinoline hydrochloride 848396-05-4P, 8-[4-(Cyclohexyl)piperazin-1-yl]-3-phenylsulfonylquinoline hydrochloride 848396-07-6P, 8-(4-Cyclopentylpiperazin-1-yl)-3-phenylsulfonylquinoline hydrochloride 848396-08-7P, 8-(4-Cyclobutylpiperazin-1-yl)-3-phenylsulfonylquinoline hydrochloride 848396-09-8P, 8-(4-Cyclopropylpiperazin-1-yl)-3-phenylsulfonylquinoline hydrochloride 848396-11-2P, 8-[4-(2-Methoxyethyl)piperazin-1-yl]-3-phenylsulfonylquinoline hydrochloride 848396-12-3P, 8-[4-(2,2,2-Trifluoroethyl)piperazin-1-yl]-3-(4-fluorophenylsulfonyl)quinoline 848396-14-5P, 8-(4-Cyclopropylmethylpiperazin-1-yl)-3-phenylsulfonylquinoline 848396-15-6P, 8-[4-(Cyclohexyl)piperazin-1-yl]-3-phenylsulfonylquinoline 848396-16-7P, 8-(4-Cyclopentylpiperazin-1-yl)-3-phenylsulfonylquinoline 848396-17-8P, 8-(4-Cyclobutylpiperazin-1-yl)-3-phenylsulfonylquinoline 848396-18-9P, 8-(4-Cyclopropylpiperazin-1-yl)-3-phenylsulfonylquinoline 848396-19-0P, 8-[4-(2-Methoxyethyl)piperazin-1-yl]-3-phenylsulfonylquinoline
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 8-(1-piperazinyl)quinolines for treatment of CNS disorders)

RN 848396-03-2 CAPLUS

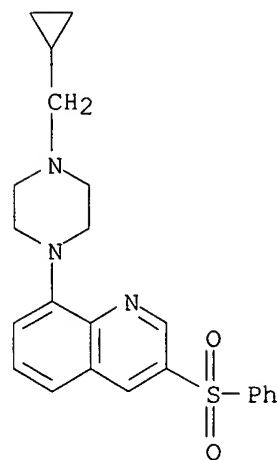
CN Quinoline, 8-[4-[(4-fluorophenyl)methyl]-1-piperazinyl]-3-(phenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)

10/509078



● HCl

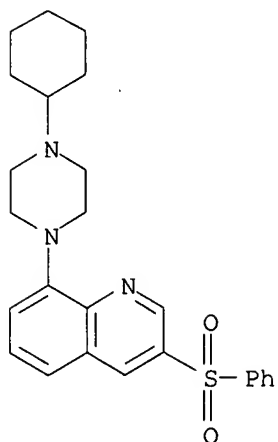
RN 848396-04-3 CAPLUS
CN Quinoline, 8-[4-(cyclopropylmethyl)-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 848396-05-4 CAPLUS
CN Quinoline, 8-(4-cyclohexyl-1-piperazinyl)-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

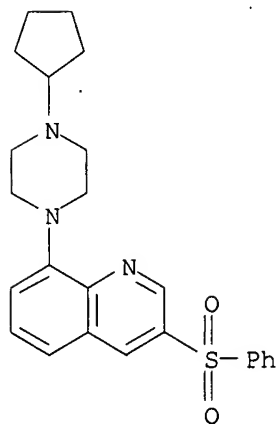
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● HCl

RN 848396-07-6 CAPLUS

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monohydrochloride (9CI) (CA INDEX NAME)

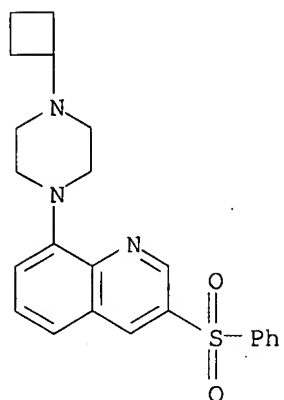


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RN 848396-08-7 CAPLUS

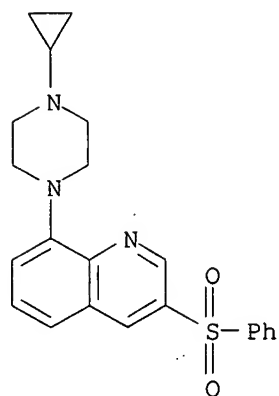
CN Quinoline, 8-(4-cyclobutyl-1-piperazinyl)-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

10/509078



● HCl

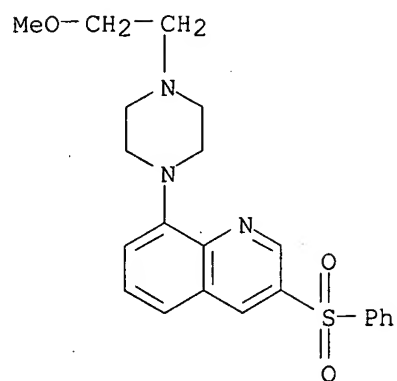
RN 848396-09-8 CAPLUS
CN Quinoline, 8-(4-cyclopropyl-1-piperazinyl)-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 848396-11-2 CAPLUS
CN Quinoline, 8-[4-(2-methoxyethyl)-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

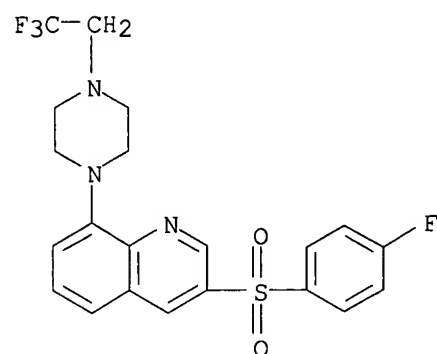
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● HCl

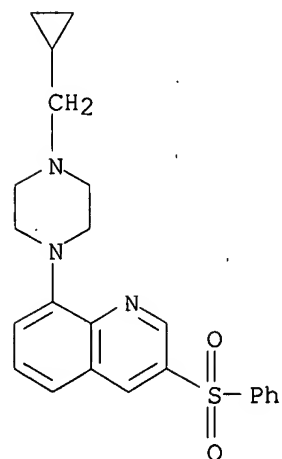
RN 848396-12-3 CAPLUS

CN Quinoline, 3-[(4-fluorophenyl)sulfonyl]-8-[4-(2,2,2-trifluoroethyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



RN 848396-14-5 CAPLUS

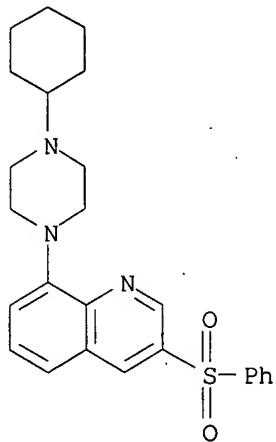
CN Quinoline, 8-[4-(cyclopropylmethyl)-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



10/509078

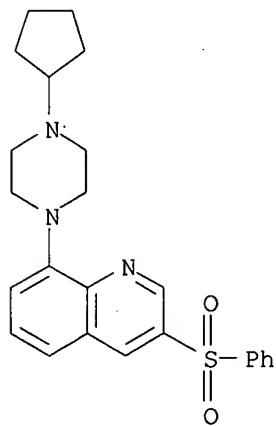
RN 848396-15-6 CAPLUS

CN Quinoline, 8-(4-cyclohexyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA
INDEX NAME)



RN 848396-16-7 CAPLUS

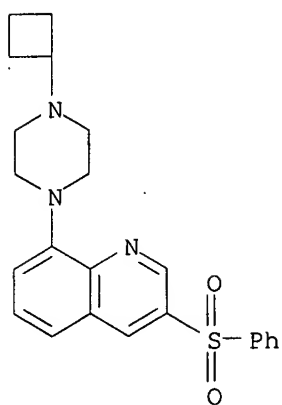
CN Quinoline, 8-(4-cyclopentyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA
INDEX NAME)



RN 848396-17-8 CAPLUS

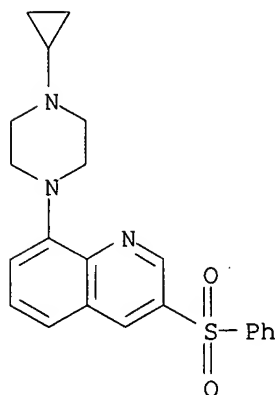
CN Quinoline, 8-(4-cyclobutyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA
INDEX NAME)

10/509078



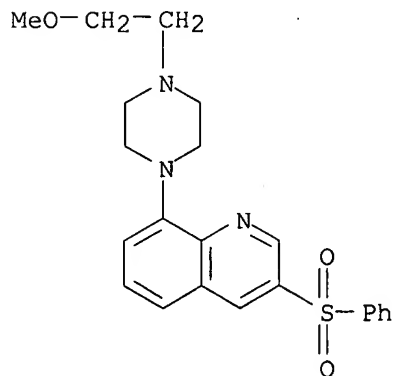
RN 848396-18-9 CAPLUS

CN Quinoline, 8-(4-cyclopropyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 848396-19-0 CAPLUS

CN Quinoline, 8-[4-(2-methoxyethyl)-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



IT 607742-54-1P, 8-(4-Methylpiperazin-1-yl)-3-phenylsulfonylquinoline
607742-55-2P, 3-Phenylsulfonyl-8-(piperazin-1-yl)quinoline
hydrochloride 607742-69-8P, 3-Phenylsulfonyl-8-(piperazin-1-yl)quinoline
607743-10-2P, 8-(4-tert-Butoxycarbonylpiperazin-1-yl)-3-phenylsulfonylquinoline
607743-42-0P, 8-(4-Methylpiperazin-

10/509078

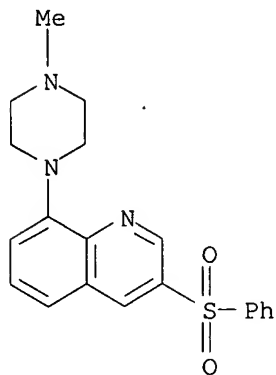
1-yl)-3-phenylsulfonylquinoline hydrochloride

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of 8-(1-piperazinyl)quinolines for treatment of CNS disorders)

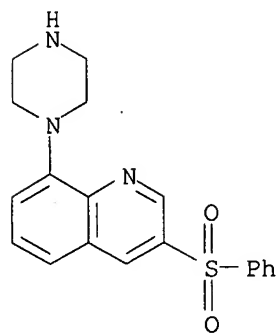
RN 607742-54-1 CAPLUS

CN Quinoline, 8-(4-methyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX
NAME)



RN 607742-55-2 CAPLUS

CN Quinoline, 3-(phenylsulfonyl)-8-(1-piperazinyl)-, monohydrochloride (9CI)
(CA INDEX NAME)

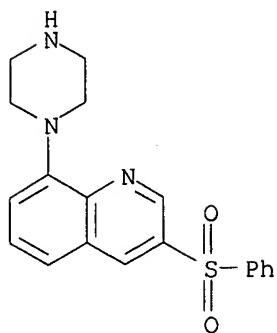


● HCl

RN 607742-69-8 CAPLUS

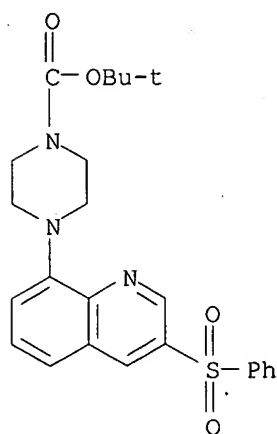
CN Quinoline, 3-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)

10/509078



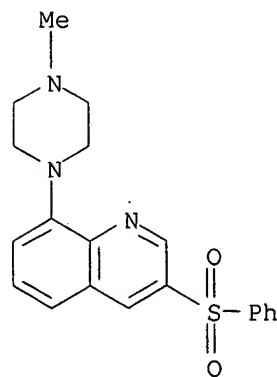
RN 607743-10-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-(phenylsulfonyl)-8-quinolinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 607743-42-0 CAPLUS

CN Quinoline, 8-(4-methyl-1-piperazinyl)-3-(phenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



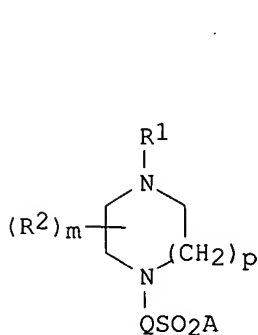
● HCl

10/509078

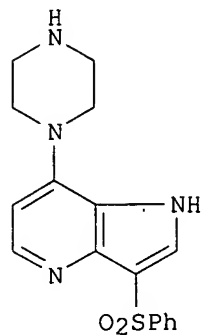
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:777791 CAPLUS
DN 139:292272
TI Preparation of arylsulfonylquinolinyl- of azaindolylpiperazines as 5-HT6
 antagonists
IN Johnson, Christopher Norbert; MacDonald, Gregor James; Mitchell, Darren
 Jason; Moss, Stephen Frederick; Thompson, Mervyn; Witty, David
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080608	A2	20031002	WO 2003-EP3195	20030325
	WO 2003080608	A3	20040205		
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	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
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	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003226724	A1	20031008	AU 2003-226724	20030325
	EP 1497291	A2	20050119	EP 2003-744860	20030325
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	R:				
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	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2005124626	A1	20050609	US 2003-509077	20030325
	JP 2005527542	T	20050915	JP 2003-578362	20030325
	AT 346068	T	20061215	AT 2003-744860	20030325
PRAI	GB 2002-7275	A	20020327		
	GB 2002-7278	A	20020327		
	GB 2002-7281	A	20020327		
	GB 2002-7282	A	20020327		
	WO 2003-EP3195	W	20030325		
OS	MARPAT 139:292272				
GI					



I



II

AB Title compds. I [R₁, R₂ = H, alkyl; R₁R₂, R₂₂ = (CH₂)₁₋₄; Q =

10/509078

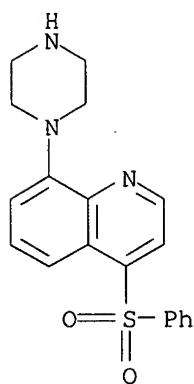
(un)substituted quinolinyl, pyrrolopyridinyl; A = (un)substituted aryl; m = 1-4; p = 1, 2] were prepared for use as 5-HT₆ antagonists in the treatment of CNS and other disorders. Thus, 3-chloro-4-nitropyridine was treated with 1-tert.-butoxycarbonylpiperazine, cyclized with CH₂:CHMgBr to 7-tert.-butoxycarbonylpiperazin-1-yl-1H-pyrrolo[3,2-b]pyridine, which was treated with Ph₂S₂, oxidized to the sulfone. and deblocked to give the title compound II.

IT 608142-86-5P 608142-88-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of arylsulfonylquinolinyl- of azaindolylpiperazines as 5-HT₆ antagonists)

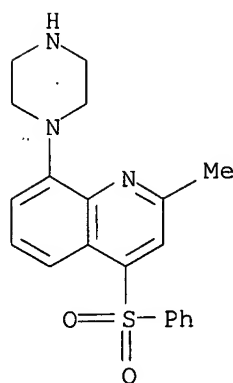
RN 608142-86-5 CAPLUS

CN Quinoline, 4-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 608142-88-7 CAPLUS

CN Quinoline, 2-methyl-4-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)



IT 608142-87-6P 608142-89-8P 608142-90-1P

608142-91-2P 608142-92-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

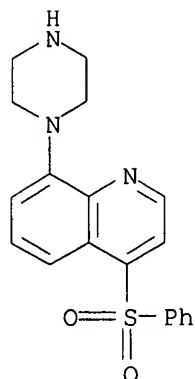
(preparation of arylsulfonylquinolinyl- of azaindolylpiperazines as 5-HT₆ antagonists)

RN 608142-87-6 CAPLUS

CN Quinoline, 4-(phenylsulfonyl)-8-(1-piperazinyl)-, monohydrochloride (9CI)

10/509078

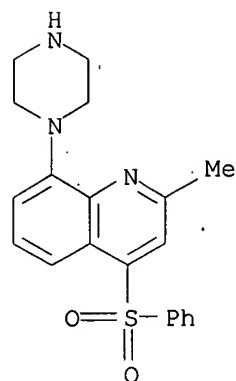
(CA INDEX NAME)



● HCl

RN 608142-89-8. CAPLUS

CN Quinoline, 2-methyl-4-(phenylsulfonyl)-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

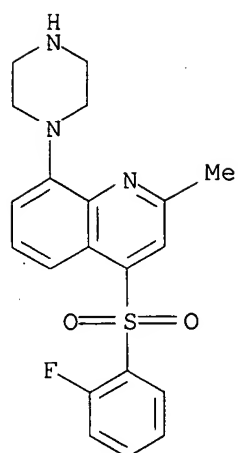


● HCl

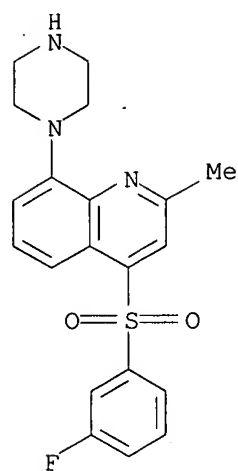
RN 608142-90-1 CAPLUS

CN Quinoline, 4-[(2-fluorophenyl)sulfonyl]-2-methyl-8-(1-piperazinyl)- (9CI)
(CA INDEX NAME)

10/509078

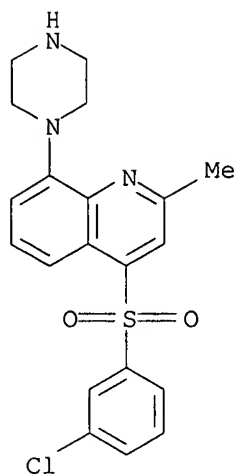


RN 608142-91-2 CAPLUS
CN Quinoline, 4-[(3-fluorophenyl)sulfonyl]-2-methyl-8-(1-piperazinyl)- (9CI)
(CA INDEX NAME)

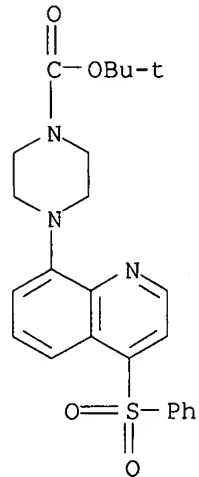


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CN Quinoline, 4-[(3-chlorophenyl)sulfonyl]-2-methyl-8-(1-piperazinyl)- (9CI)
(CA INDEX NAME)

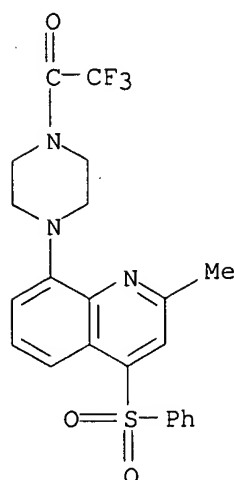
10/509078



IT 608143-05-1P 608143-10-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of arylsulfonylquinolinyl- of azaindolylpiperazines as 5-HT6
antagonists)
RN 608143-05-1 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[4-(phenylsulfonyl)-8-quinolinyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 608143-10-8 CAPLUS
CN Piperazine, 1-[2-methyl-4-(phenylsulfonyl)-8-quinolinyl]-4-
(trifluoroacetyl)- (9CI) (CA INDEX NAME)

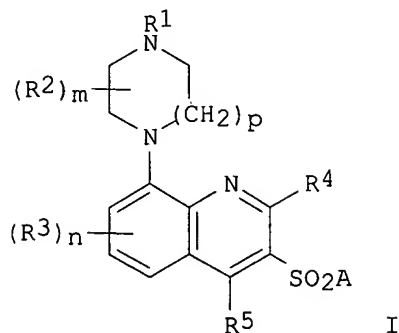


L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2003:777764 CAPLUS
 DN 139:292163
 TI Preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of
 CNS disorders
 IN Ahmed, Mahmood; Johnson, Christopher Norbert; Jones, Martin C.; MacDonald,
 Gregor James; Moss, Stephen Frederick; Thompson, Mervyn; Wade, Charles
 Edward; Witty, David
 PA Glaxo Group Limited, UK
 SO PCT Int. Appl., 48 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				
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	RW:				
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	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2479786	A1	20031002	CA 2003-2479786	20030325
	AU 2003219103	A1	20031008	AU 2003-219103	20030325
	EP 1497266	A2	20050119	EP 2003-714889	20030325
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	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003008696	A	20050125	BR 2003-8696	20030325
	US 2005124628	A1	20050609	US 2003-509078	20030325
	CN 1656075	A	20050817	CN 2003-811644	20030325
	JP 2005531518	T	20051020	JP 2003-578335	20030325
	ZA 2004007320	A	20051004	ZA 2004-7320	20040912
	NO 2004004588	A	20041025	NO 2004-4588	20041025
PRAI	GB 2002-7289	A	20020327		
	GB 2002-25678	A	20021104		
	WO 2003-EP3197	W	20030325		

10/509078

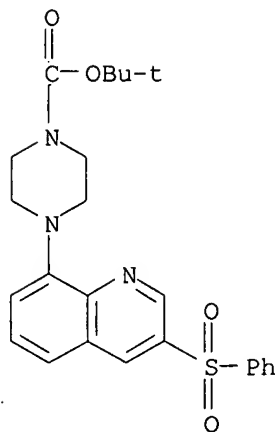
OS MARPAT 139:292163
GI



AB Title compds. I [R1, R2 = H, alkyl; R1R2, R22 = (CH2)2-4; R3-R5 = H, halogen, CN, CF3, OCF3, alkyl, alkoxy, alkanoyl, (un)substituted CONH2; A = (un)substituted aryl; m = 1-4; n = 1-3, p = 1, 2] were prepared for use as HT6 receptor antagonists in treatment of CNS disorders. Thus, 8-iodo-3-phenylsulfonylquinoline was prepared from 8-nitroquinoline and was treated with 1-tert.-butoxycarbonylpiperazine, followed by deblocking, to give 3-phenylsulfonyl-8-piperazinoquinoline.

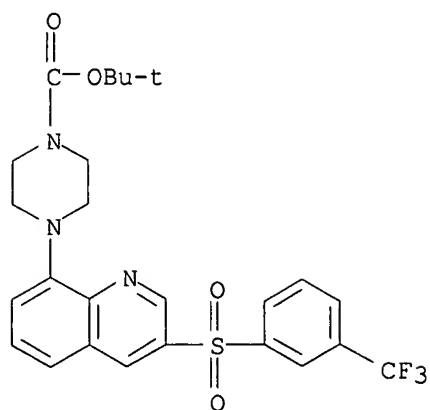
IT 607743-10-2P 607743-11-3P 607743-43-1P
607743-44-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of CNS disorders)

RN 607743-10-2 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[3-(phenylsulfonyl)-8-quinolinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

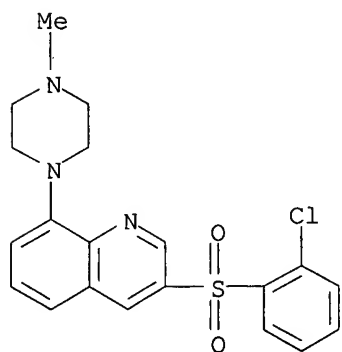


RN 607743-11-3 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[3-[[3-(trifluoromethyl)phenyl]sulfonyl]-8-quinolinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

10/509078

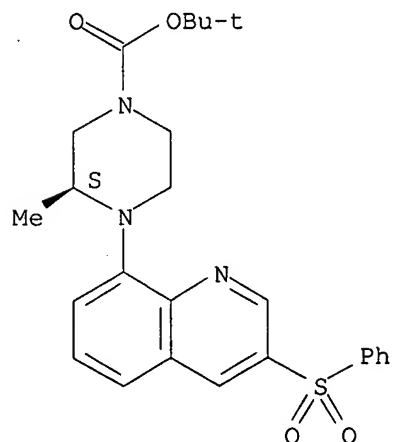


RN 607743-43-1 CAPLUS
CN Quinoline, 3-[(2-chlorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)



RN 607743-44-2 CAPLUS
CN 1-Piperazinecarboxylic acid, 3-methyl-4-[3-(phenylsulfonyl)-8-quinolinyl]-
, 1,1-dimethylethyl ester, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 607742-55-2P 607742-69-8P

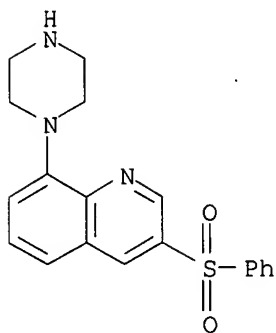
10/509078

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent);
USES (Uses)

(preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of CNS disorders)

RN 607742-55-2 CAPLUS

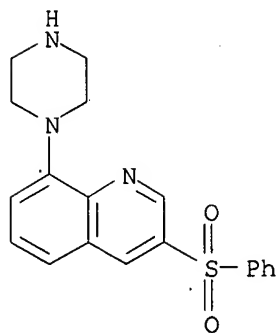
CN Quinoline, 3-(phenylsulfonyl)-8-(1-piperazinyl)-, monohydrochloride (9CI)
(CA INDEX NAME)



● HCl

RN 607742-69-8 CAPLUS

CN Quinoline, 3-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)



IT 607742-54-1P 607742-56-3P 607742-57-4P
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607742-84-7P 607742-85-8P 607742-86-9P
607742-87-0P 607742-88-1P 607742-89-2P
607742-90-5P 607742-92-7P 607742-93-8P
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607743-01-1P 607743-02-2P 607743-03-3P
607743-42-0P 607743-46-4P 607743-47-5P
607743-48-6P 607743-49-7P 607743-50-0P

10/509078

607743-51-1P 607743-52-2P 607743-53-3P

607743-54-4P 607743-55-5P 607743-56-6P

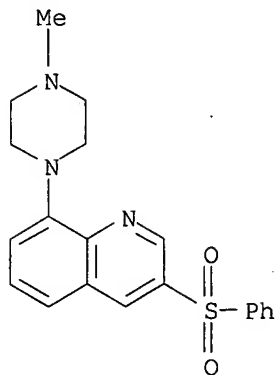
607743-58-8P 607743-59-9P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of CNS disorders)

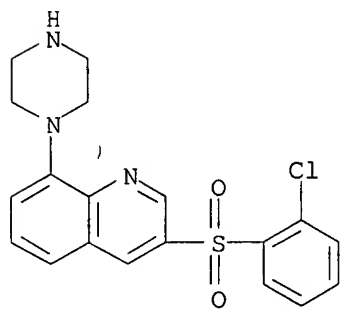
RN 607742-54-1 CAPLUS

CN Quinoline, 8-(4-methyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 607742-56-3 CAPLUS

CN Quinoline, 3-[(2-chlorophenyl)sulfonyl]-8-(1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

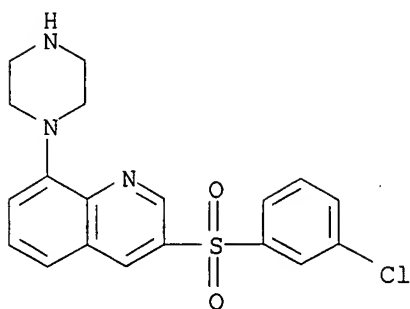


● HCl

RN 607742-57-4 CAPLUS

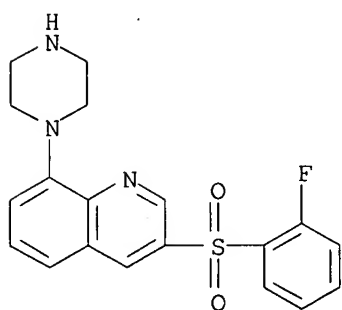
CN Quinoline, 3-[(3-chlorophenyl)sulfonyl]-8-(1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

10/509078



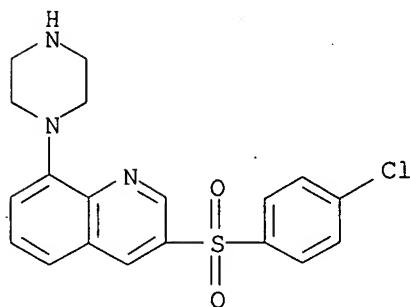
● HCl

RN 607742-58-5 CAPLUS
CN Quinoline, 3-[(2-fluorophenyl)sulfonyl]-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 607742-59-6 CAPLUS
CN Quinoline, 3-[(4-chlorophenyl)sulfonyl]-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

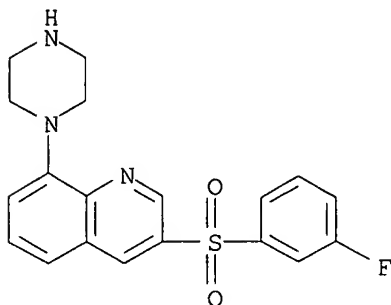


● HCl

10/509078

RN 607742-60-9 CAPLUS

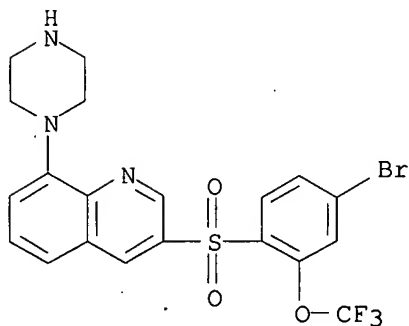
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 607742-61-0 CAPLUS

CN Quinoline, 3-[[4-bromo-2-(trifluoromethoxy)phenyl]sulfonyl]-8-(1-
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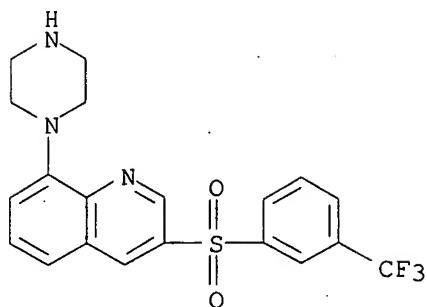


● HCl

RN 607742-62-1 CAPLUS

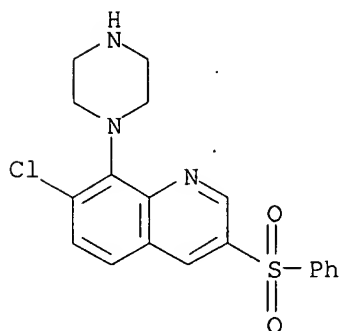
CN Quinoline, 8-(1-piperazinyl)-3-[[3-(trifluoromethyl)phenyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)

10/509078



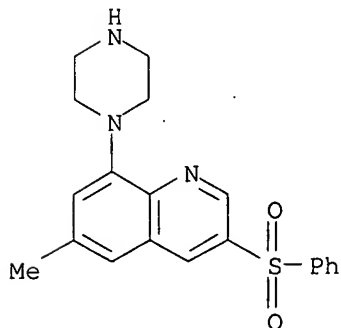
● HCl

RN 607742-63-2 CAPLUS
CN Quinoline, 7-chloro-3-(phenylsulfonyl)-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 607742-64-3 CAPLUS
CN Quinoline, 6-methyl-3-(phenylsulfonyl)-8-(1-piperazinyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

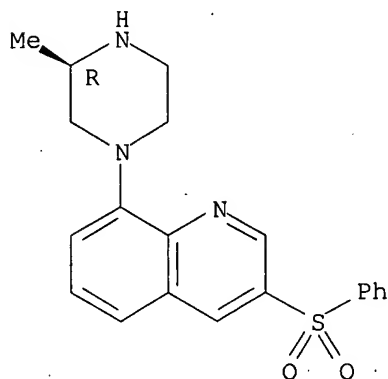


● HCl

10/509078

RN 607742-65-4 CAPLUS
CN Quinoline, 8-[(3R)-3-methyl-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

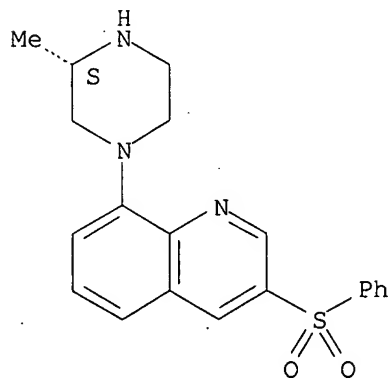
Absolute stereochemistry.



● HCl

RN 607742-66-5 CAPLUS
CN Quinoline, 8-[(3S)-3-methyl-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

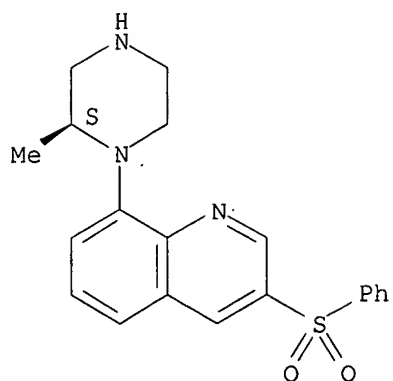


● HCl

RN 607742-68-7 CAPLUS
CN Quinoline, 8-[(2S)-2-methyl-1-piperazinyl]-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

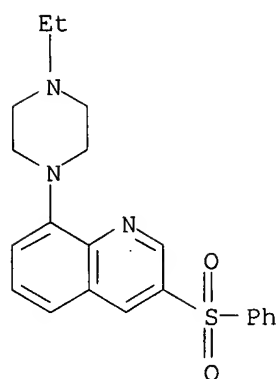
10/509078



● HCl

RN 607742-70-1 CAPLUS

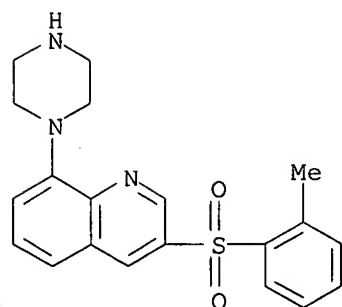
CN Quinoline, 8-(4-ethyl-1-piperazinyl)-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

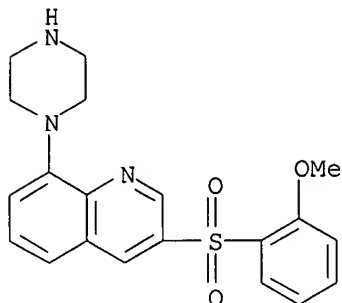
RN 607742-71-2 CAPLUS

CN Quinoline, 3-[(2-methylphenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)

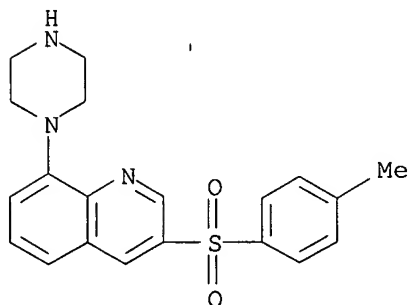


10/509078

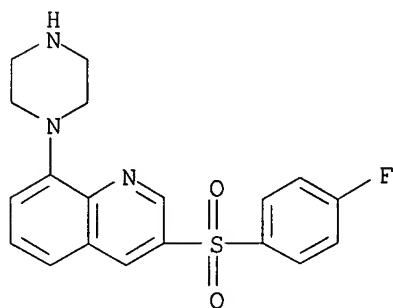
RN 607742-72-3 CAPLUS
CN Quinoline, 3-[(2-methoxyphenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 607742-73-4 CAPLUS
CN Quinoline, 3-[(4-methylphenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)

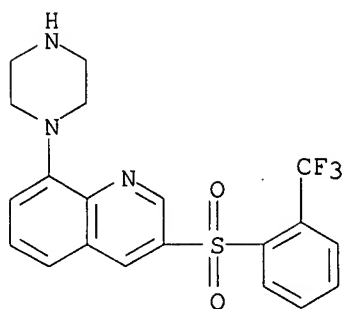


RN 607742-74-5 CAPLUS
CN Quinoline, 3-[(4-fluorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)

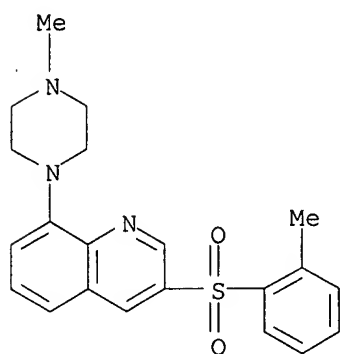


RN 607742-75-6 CAPLUS
CN Quinoline, 8-(1-piperazinyl)-3-[[2-(trifluoromethyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

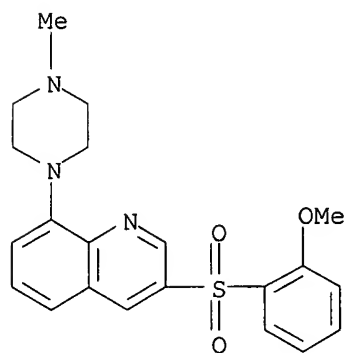
10/509078



RN 607742-76-7 CAPLUS
CN Quinoline, 3-[(2-methylphenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)

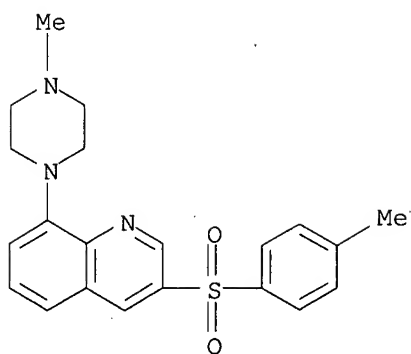


RN 607742-77-8 CAPLUS
CN Quinoline, 3-[(2-methoxyphenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)

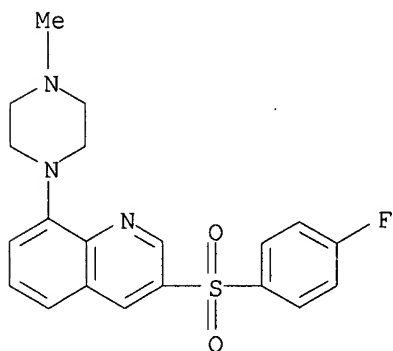


RN 607742-78-9 CAPLUS
CN Quinoline, 3-[(4-methylphenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)

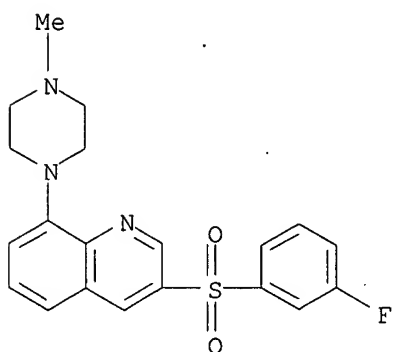
10/509078



RN 607742-79-0 CAPLUS
CN Quinoline, 3-[(4-fluorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)

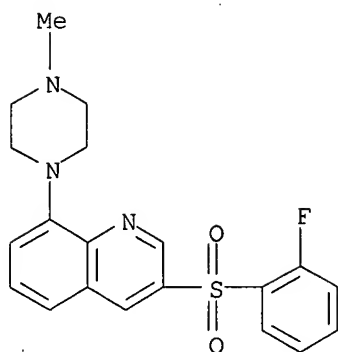


RN 607742-80-3 CAPLUS
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)



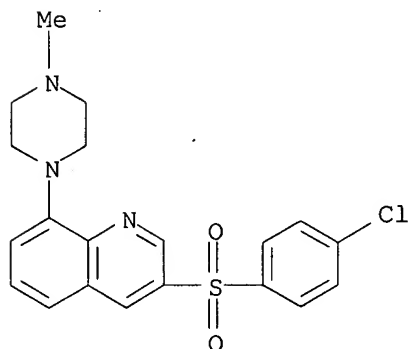
RN 607742-81-4 CAPLUS
CN Quinoline, 3-[(2-fluorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)

10/509078



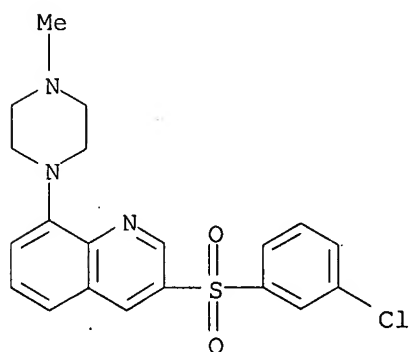
RN 607742-82-5 CAPLUS

CN Quinoline, 3-[(4-chlorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)



RN 607742-83-6 CAPLUS

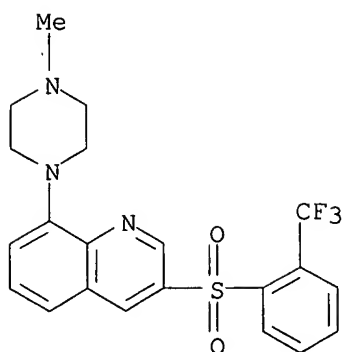
CN Quinoline, 3-[(3-chlorophenyl)sulfonyl]-8-(4-methyl-1-piperazinyl)- (9CI)
(CA INDEX NAME)



RN 607742-84-7 CAPLUS

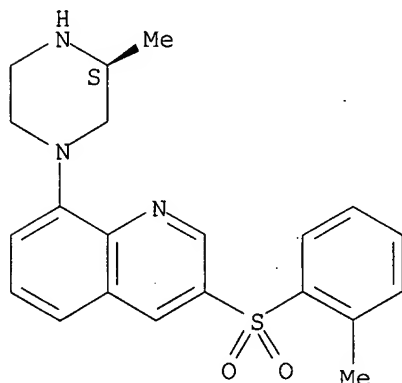
CN Quinoline, 8-(4-methyl-1-piperazinyl)-3-[[2-(trifluoromethyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

10/509078



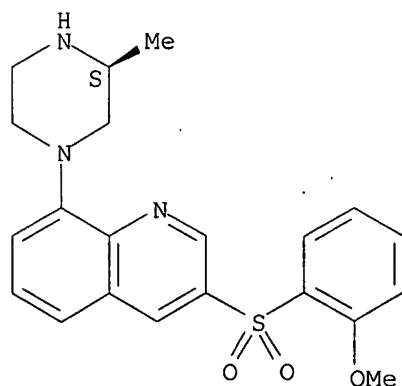
RN 607742-85-8 CAPLUS
CN Quinoline, 3-[(2-methylphenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 607742-86-9 CAPLUS
CN Quinoline, 3-[(2-methoxyphenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

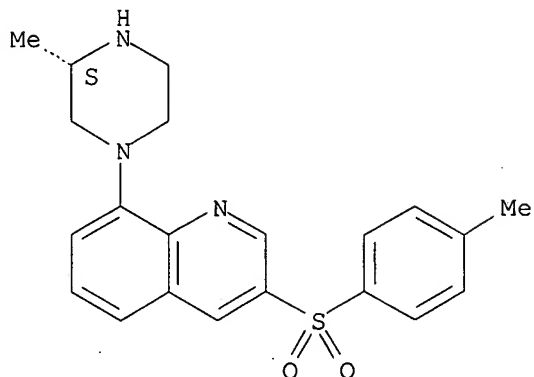
Absolute stereochemistry.



RN 607742-87-0 CAPLUS
CN Quinoline, 3-[(4-methylphenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

10/509078

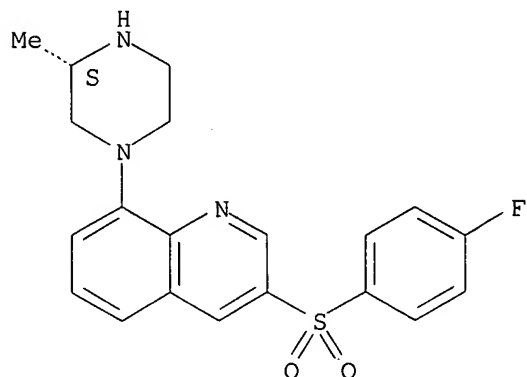
Absolute stereochemistry.



RN 607742-88-1 CAPLUS

CN Quinoline, 3-[(4-fluorophenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

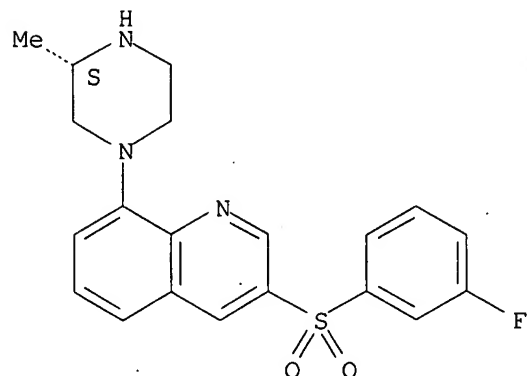
Absolute stereochemistry.



RN 607742-89-2 CAPLUS

CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

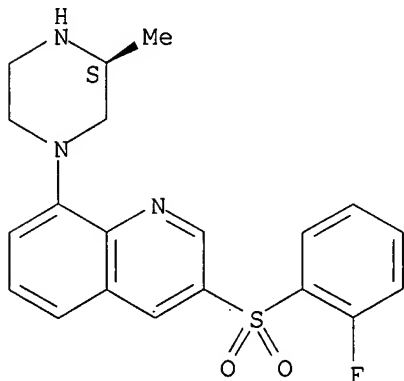


10/509078

RN 607742-90-5 CAPLUS

CN Quinoline, 3-[(2-fluorophenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

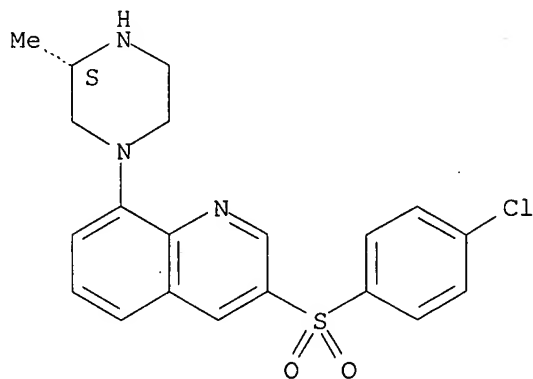
Absolute stereochemistry.



RN 607742-92-7 CAPLUS

CN Quinoline, 3-[(4-chlorophenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

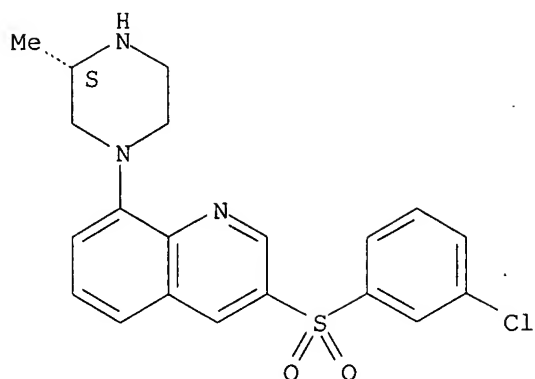


RN 607742-93-8 CAPLUS

CN Quinoline, 3-[(3-chlorophenyl)sulfonyl]-8-[(3S)-3-methyl-1-piperazinyl]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

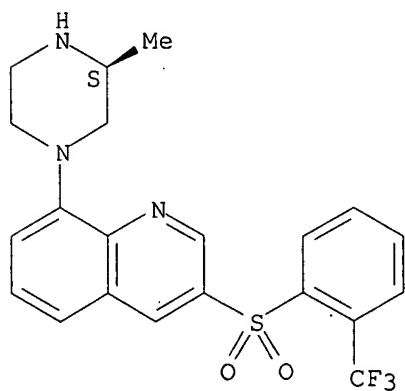
10/509078



RN 607742-94-9 CAPLUS

CN Quinoline, 8-[(3S)-3-methyl-1-piperazinyl]-3-[[2-(trifluoromethyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

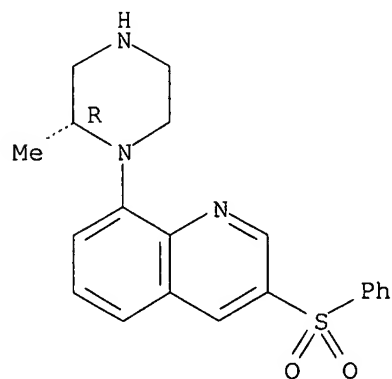
Absolute stereochemistry.



RN 607742-95-0 CAPLUS

CN Quinoline, 8-[(2R)-2-methyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



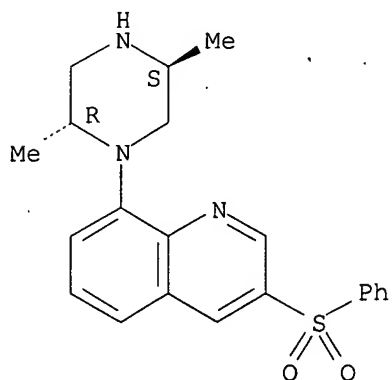
RN 607742-96-1 CAPLUS

CN Quinoline, 8-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-3-(phenylsulfonyl)-,

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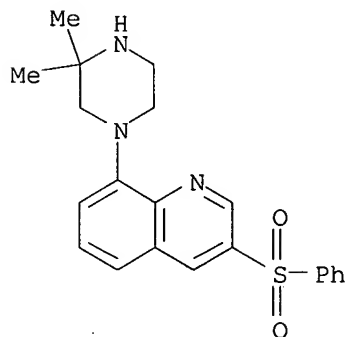
rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



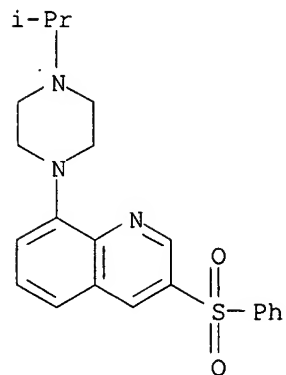
RN 607742-97-2 CAPLUS

CN Quinoline, 8-(3,3-dimethyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 607742-99-4 CAPLUS

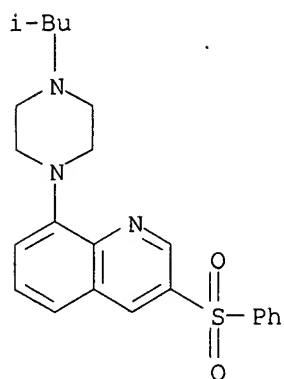
CN Quinoline, 8-[4-(1-methylethyl)-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 607743-00-0 CAPLUS

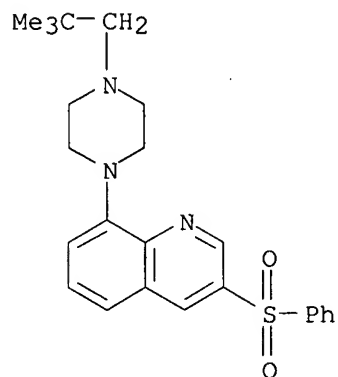
CN Quinoline, 8-[4-(2-methylpropyl)-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

10/509078



RN 607743-01-1 CAPLUS

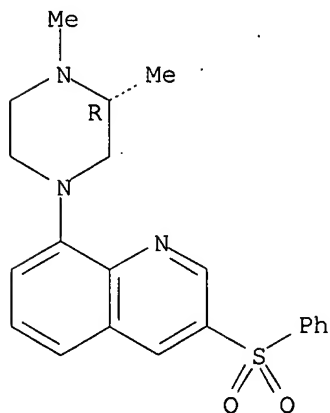
CN Quinoline, 8-[4-(2,2-dimethylpropyl)-1-piperazinyl]-3-(phenylsulfonyl)-
(9CI) (CA INDEX NAME)



RN 607743-02-2 CAPLUS

CN Quinoline, 8-[(3R)-3,4-dimethyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

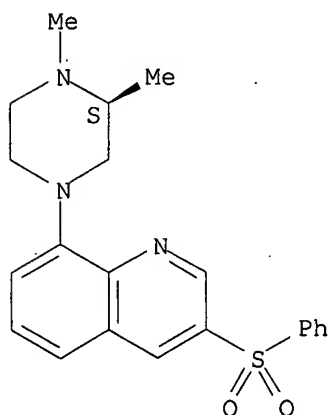


RN 607743-03-3 CAPLUS

CN Quinoline, 8-[(3S)-3,4-dimethyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI)
(CA INDEX NAME)

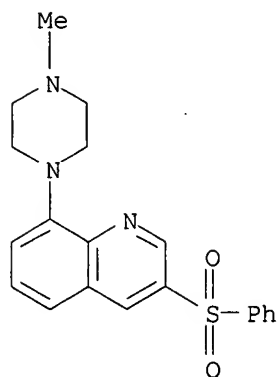
10/509078

Absolute stereochemistry.



RN 607743-42-0 CAPLUS

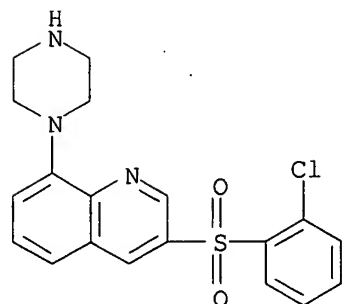
CN Quinoline, 8-(4-methyl-1-piperazinyl)-3-(phenylsulfonyl)-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 607743-46-4 CAPLUS

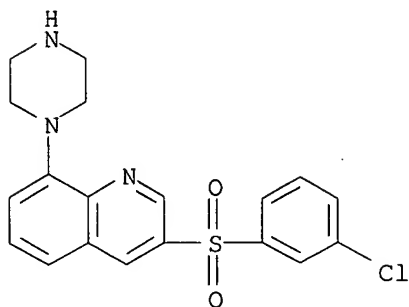
CN Quinoline, 3-[(2-chlorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)



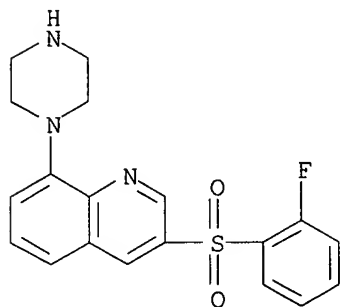
RN 607743-47-5 CAPLUS

10/509078

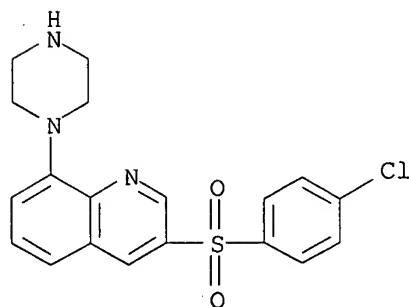
CN Quinoline, 3-[(3-chlorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)



RN 607743-48-6 CAPLUS
CN Quinoline, 3-[(2-fluorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)

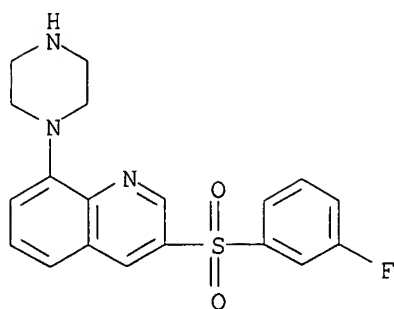


RN 607743-49-7 CAPLUS
CN Quinoline, 3-[(4-chlorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)

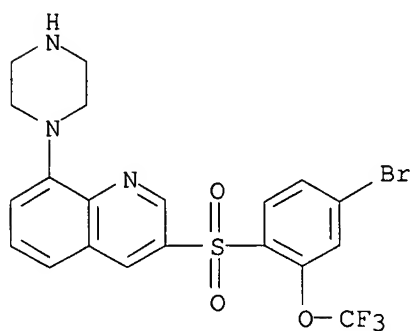


RN 607743-50-0 CAPLUS
CN Quinoline, 3-[(3-fluorophenyl)sulfonyl]-8-(1-piperazinyl)- (9CI) (CA
INDEX NAME)

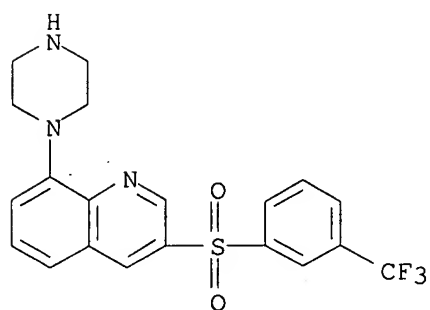
10/509078



RN 607743-51-1 CAPLUS
CN Quinoline, 3-[[4-bromo-2-(trifluoromethoxy)phenyl]sulfonyl]-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)

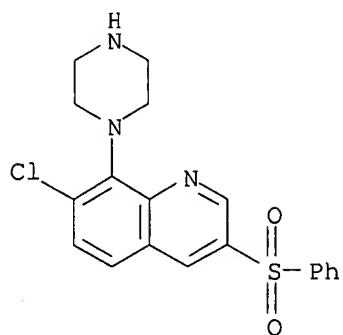


RN 607743-52-2 CAPLUS
CN Quinoline, 8-(1-piperazinyl)-3-[[3-(trifluoromethyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

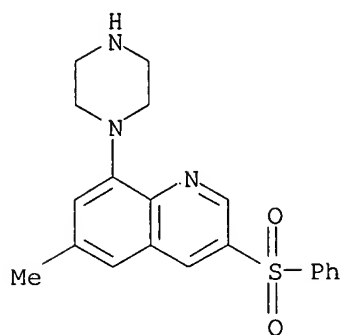


RN 607743-53-3 CAPLUS
CN Quinoline, 7-chloro-3-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)

10/509078

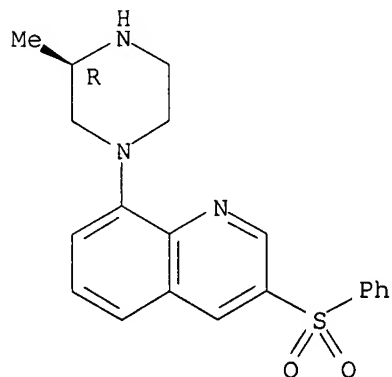


RN 607743-54-4 CAPLUS
CN Quinoline, 6-methyl-3-(phenylsulfonyl)-8-(1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 607743-55-5 CAPLUS
CN Quinoline, 8-[(3R)-3-methyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

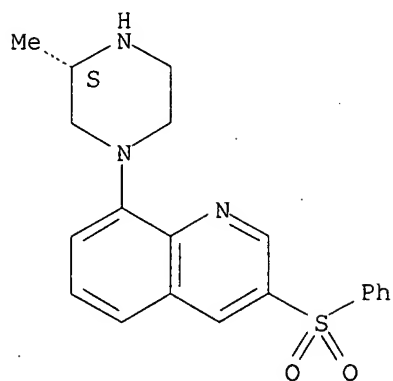
Absolute stereochemistry.



RN 607743-56-6 CAPLUS
CN Quinoline, 8-[(3S)-3-methyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

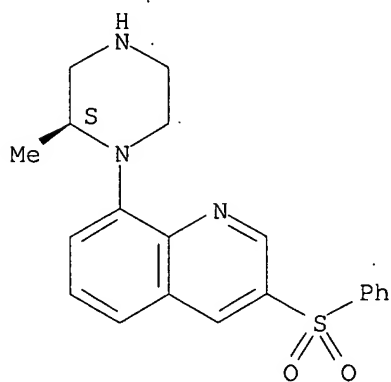
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RN 607743-58-8 CAPLUS

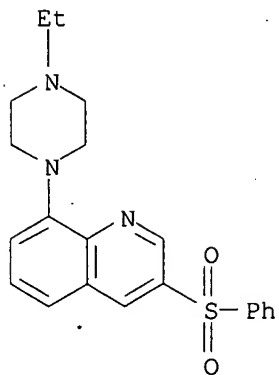
CN Quinoline, 8-[(2S)-2-methyl-1-piperazinyl]-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 607743-59-9 CAPLUS

CN Quinoline, 8-(4-ethyl-1-piperazinyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



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